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What is claimed is:

    1. A system for providing a user interface display image supporting user entry of an expression, comprising:

        a user interface menu generator for providing a displayable image including,

            a first image window listing a plurality of selectable data items available for incorporation in an expression,

            an image prompt element for permitting user entry of said expression and for incorporating a data item in an entered expression from said listed data items to provide a resultant expression in response to user selection of said data item in said first image window, and

            an icon for initiating storing of said resultant expression; and

        an expression processor for processing said resultant expression to provide a result in response to user command.

    2. A system according to claim 1, wherein

    said expression processor resolves said resultant expression to provide a result comprising at least one of, (a) a verification said resultant expression is true and (b) a computed value.

    3. A system according to claim 1, wherein

    said expression processor interprets said resultant expression to provide search parameters for use in identifying records in a database and provides an indication of said identified records as said result in response to a search of said database.

    4. A system according to claim 1, wherein

    said expression processor verifies an entered expression is valid and generates an indication as said result identifying said entered expression is invalid.

    5. A system according to claim 4, wherein

    said expression processor initiates generation of a displayed notification to a user indicating said entered expression is invalid.

    6. A system according to claim 1, wherein

    said displayable image includes an icon for initiating verification an entered expression is valid.

7. A system according to claim 6, wherein

said verification includes a syntax check of said entered expression.

8. A system according to claim 1, wherein

said displayable image includes an image prompt element supporting user entry of a name for identifying a resultant expression.

9. A system according to claim 1, wherein

said user interface menu generator provides an image window permitting user selection of a template expression from a plurality of predetermined template expressions.

10. A system according to claim 9, wherein

said image prompt element incorporates a selected template expression in response to user selection of said selected template expression.

11. A system according to claim 1, wherein

said first image window lists a plurality of selectable data items in a hierarchical structure.

12. A system according to claim 11, wherein

said plurality of selectable data items are associated with user accessible data item descriptions.

13. A system according to claim 1, wherein

said system supports storage and retrieval of a resultant expression.

14. A system for providing a user interface display image supporting user entry of an expression for use in deriving information associated with a patient, comprising:

a user interface menu generator for providing a displayable image including,

a first image window listing a plurality of selectable data items available for incorporation in an expression, said plurality of selectable data items identifying at least one of, (a) a patient, (b) a patient physical characteristic, (c) patient address information and (d) patient medical record information,

an image prompt element permitting user entry of said expression and for incorporating a data item in said expression from said listed data items to provide a resultant expression in response to user selection of said data item in said first image window, and

an icon for initiating storing of said resultant expression; and

an expression processor for resolving said resultant expression to provide a result in response to user command.

15. A system according to claim 14, wherein

said expression includes an algebraic expression portion including one or more algebraic operators, and

said user interface menu generator provides an image window permitting user selection of an algebraic expression operator from a plurality of predetermined algebraic expression operators including at least two of (a) a multiplication operator, (b) a division operator, (c) an addition operator and (d) a subtraction operator.

16. A system according to claim 14, wherein

said user interface menu generator provides an image window indicating at least one of, (a) an acceptable parameter and (b) an acceptable value, associated with a data item selected by a user via said first image window.